

## Claims

5 1. A method comprising the steps of:  
initiating a telecommunication network trigger  
based upon a service code dialed from an originating  
party, the service code including an alphabetical  
abbreviation for a name of a telecommunication service;  
and  
provisioning the telecommunication service for the  
10 originating party in dependence upon the  
telecommunication network trigger.

15 2. The method of claim 1 wherein the  
telecommunication network trigger includes an advanced  
intelligent network (AIN) trigger.

20 3. The method of claim 1 wherein the service  
code includes a first digit and a second digit, the  
first digit corresponding to a first letter of a first  
word in the name of the telecommunication service, the  
second digit corresponding to a first letter of a  
second word in the name of the telecommunication  
service.

25 4. The method of claim 3 wherein the service  
code includes a "\*" which prefixes the first digit and  
the second digit.

30 5. The method of claim 3 wherein the  
telecommunication service includes a voice mail

service, wherein the first digit corresponds to "v" and the second digit corresponds to "m".

5       6.    The method of claim 3 wherein the telecommunication service includes a caller identification service, wherein the first digit corresponds to "c" and the second digit corresponds to "i".

10       7.    The method of claim 3 wherein the telecommunication service includes a call waiting service, wherein the first digit corresponds to "c" and the second digit corresponds to "w".

15       8.    The method of claim 1 further comprising the step of determining an availability of the telecommunication service for the originating party prior to provisioning the telecommunication service.

20       9.    The method of claim 1 further comprising the step of establishing an accounting record for providing the telecommunication service to the originating party.

25       10.   The method of claim 1 further comprising the step of determining the originating party based upon a calling party identification code.

30       11.   The method of claim 1 further comprising the step of communicating a written correspondence to the originating party in dependence upon the

~~telecommunication network trigger~~

302  
A2

12. A system comprising:  
a processor responsive to a telecommunication  
5 network trigger initiated in dependence upon a service  
code dialed from an originating party, the service code  
including an alphabetical abbreviation for a name of a  
telecommunication service, the processor to initiate a  
provisioning of the telecommunication service for the  
10 originating party in dependence upon the  
telecommunication network trigger.

13. The system of claim 12 wherein the  
telecommunication network trigger includes an advanced  
15 intelligent network (AIN) trigger.

14. The system of claim 12 wherein the service  
code includes a first digit and a second digit, the  
first digit corresponding to a first letter of a first  
20 word in the name of the telecommunication service, the  
second digit corresponding to a first letter of a  
second word in the name of the telecommunication  
service.

25 15. The system of claim 14 wherein the service  
code includes a "\*" which prefixes the first digit and  
the second digit.

16. The system of claim 14 wherein the  
30 telecommunication service includes a voice mail

service, wherein the first digit corresponds to "v" and the second digit corresponds to "m".

17. The system of claim 14 wherein the  
5 telecommunication service includes a caller identification service, wherein the first digit corresponds to "c" and the second digit corresponds to "i".

10 18. The system of claim 14 wherein the telecommunication service includes a call waiting service, wherein the first digit corresponds to "c" and the second digit corresponds to "w".

15 19. The system of claim 12 wherein the processor determines an availability of the telecommunication service for the originating party prior to initiating the provisioning of the telecommunication service.

20 20. The system of claim 12 wherein the processor establishes an accounting record for providing the telecommunication service to the originating party.

25 21. The system of claim 12 wherein the processor determines the originating party based upon a calling party identification code.

30 22. The system of claim 12 wherein the processor directs a step of communicating a written confirmation to the originating party in dependence upon the

~~telecommunication network trigger~~

SUB  
A 23

5

10

15

23. An article of manufacture comprising:  
a computer-readable storage medium; and  
computer-readable data stored by the computer-  
readable storage medium, the computer-readable data to  
direct a processor to initiate provisioning of a  
telecommunication service for an originating party in  
dependence upon a telecommunication network trigger,  
the telecommunication network trigger initiated in  
dependence upon a service code dialed from the  
originating party, the service code including an  
alphabetical abbreviation for a name of the  
telecommunication service.

24. A method comprising the steps of:  
initiating a telecommunication network trigger  
based upon a code dialed from an originating party, the  
code including at least one of "\*M" and "#M"; and  
5 providing a menu of a plurality of  
telecommunication options in response to the  
telecommunication network trigger.

25. The method of claim 24 wherein the  
10 telecommunication network trigger includes an advanced  
intelligent network (AIN) trigger.

26. The method of claim 24 wherein the plurality  
of telecommunication options includes a first option to  
15 initiate a conference call, a second option to initiate  
an automatic call back, a third option to initiate call  
forwarding, a fourth option to deactivate call waiting,  
a fifth option to block caller identification, a sixth  
option to report information, a seventh option to speak  
20 to a service representative, an eighth option for  
directory assistance, and a ninth option to receive a  
product.

27. The method of claim 24 further comprising the  
25 steps of:  
receiving a selection from the originating party;  
and  
performing an action based upon the selection.

30 28. The method of claim 27 wherein the action

includes routing the call based upon the selection.

29. The method of claim 27 wherein the action includes translating the selection to a service code.

5  
SUB  
A41

30. A system comprising:

a network element to provide a menu of a plurality of telecommunication options in response to a telecommunication network trigger, the  
10 telecommunication network trigger based upon a code dialed from an originating party, the code including at least one of "\*M" and "#M".

31. The system of claim 30 wherein the network  
15 element comprises an intelligent peripheral.

32. The system of claim 30 wherein the telecommunication network trigger includes an advanced intelligent network (AIN) trigger.  
20

33. The system of claim 30 wherein the plurality of telecommunication options includes a first option to initiate a conference call, a second option to initiate an automatic call back, a third option to initiate call forwarding, a fourth option to deactivate call waiting,  
25 a fifth option to block caller identification, a sixth option to report information, a seventh option to speak to a service representative, an eighth option for directory assistance, and a ninth option to receive a  
30 product.

34. The system of claim 30 wherein the network element is operative to receive a selection from the originating party, and to perform an action based upon the selection.

35. The system of claim 34 wherein the action includes routing the call based upon the selection.

36. The system of claim 34 wherein the action includes translating the selection to a service code.

*Sub  
AS*

37. An article of manufacture comprising:  
a computer-readable storage medium; and  
computer-readable data stored by the computer-readable storage medium, the computer-readable data to direct a network element to provide a menu of a plurality of telecommunication options in response to a telecommunication network trigger, the telecommunication network trigger based upon a code dialed from an originating party, the code including at least one of "\*"M" and "#M".



38. A method comprising the steps of:

initiating a first telecommunication network trigger based upon a code dialed from a first originating party, the code including at least one of  
5 "\*"M" and "#M";

providing a menu of a plurality of telecommunication options in response to the first telecommunication network trigger, the plurality of telecommunication options including a first option to  
10 initiate a conference call, a second option to initiate an automatic call back, a third option to initiate call forwarding, a fourth option to deactivate call waiting, a fifth option to block caller identification, a sixth option to report information, a seventh option to speak  
15 to a service representative, an eighth option for directory assistance, and a ninth option to receive a product;

receiving a selection from the first originating party;

20 emulating a flash hook signal if the selection includes the first option;

translating the selection to a selection-dependent service code if the selection is selected from the second option, the third option, the fourth option, and  
25 the fifth option;

routing the call based upon the selection if the selection is selected from the sixth option, the seventh option, and the eighth option;

provisioning the product if the selection  
30 includes the ninth option;

initiating a second telecommunication network trigger based upon a service code dialed from a second originating party, the service code including a first digit and a second digit, the first digit corresponding  
5 to a first letter of a first word in a name of the telecommunication service, the second digit corresponding to a first letter of a second word in the name of the telecommunication service;

determining the second originating party based  
10 upon a calling party identification code;

determining an availability of the telecommunication service for the second originating party;

establishing an accounting record for providing  
15 the telecommunication service to the second originating party; and

provisioning the telecommunication service for the second originating party in dependence upon the second telecommunication network trigger.